

इंटरनेट

मानक

Disclosure to Promote the Right To Information

Whereas the Parliament of India has set out to provide a practical regime of right to information for citizens to secure access to information under the control of public authorities, in order to promote transparency and accountability in the working of every public authority, and whereas the attached publication of the Bureau of Indian Standards is of particular interest to the public, particularly disadvantaged communities and those engaged in the pursuit of education and knowledge, the attached public safety standard is made available to promote the timely dissemination of this information in an accurate manner to the public.

“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

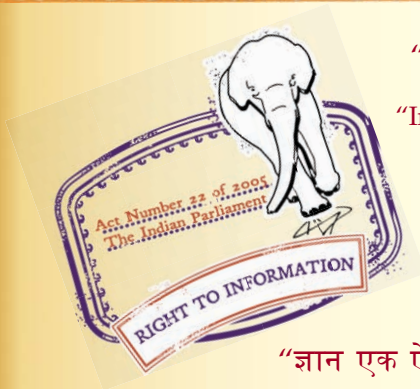
“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

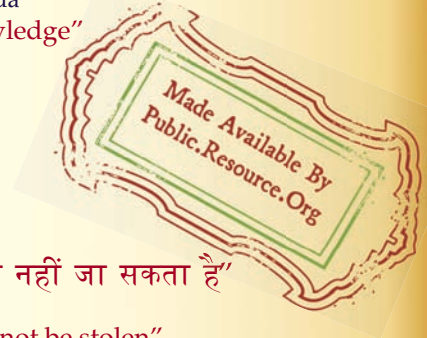
IS 6377 (1971): Mellets for use in foundries [MTD 14: Foundry]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”

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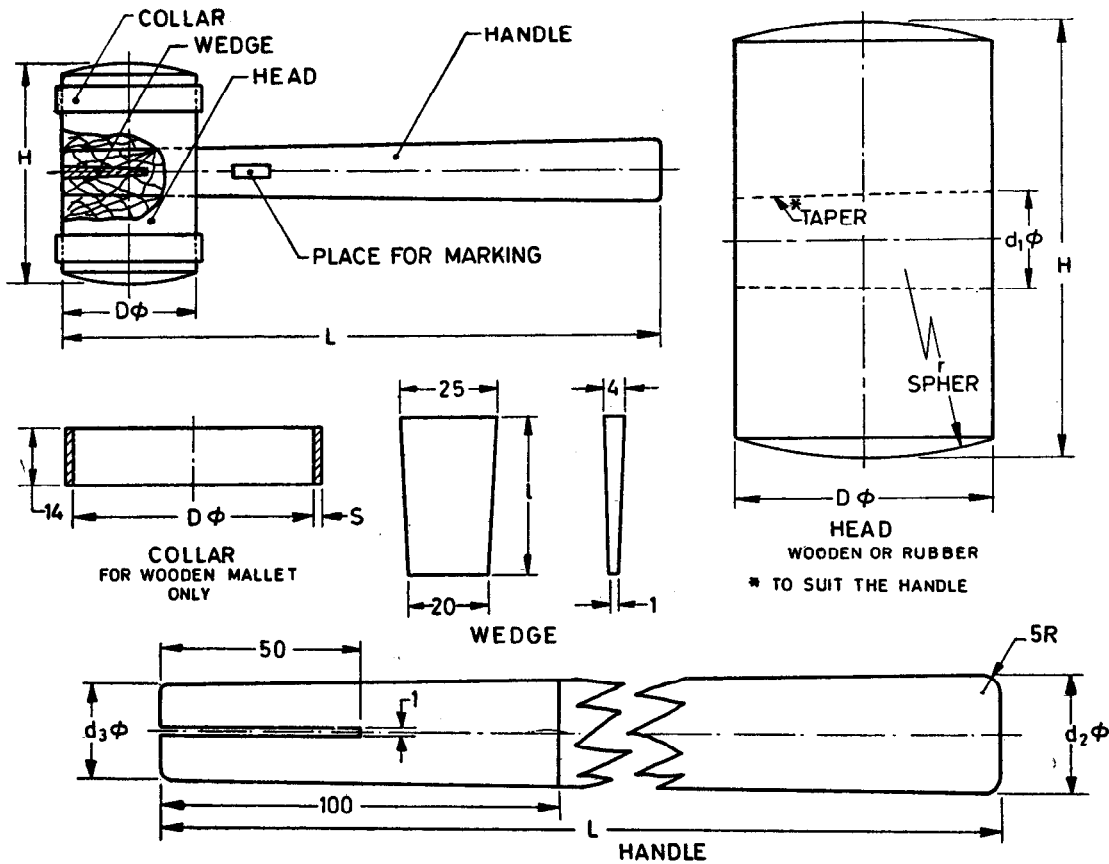




Indian Standard
SPECIFICATION FOR
MALLETS FOR USE IN FOUNDRIES

1. **Scope** — Covers the requirements for mallets for use in foundries.
2. **Application** — Mallets are used for mild rapping and application of light force.
3. **Dimensions** — Dimensions and weights for mallets are specified in Tables 1 and 2.

TABLE 1 DIMENSIONS AND APPROXIMATE WEIGHT (kg) OF MALLETs



All dimensions in millimetres.

Description		Designation	
Mallet of length and height	300 mm 110 mm	Mallet — 110	IS : 6377
Mallet of height and diameter	110 mm 65 mm	Head — 110	IS : 6377
Collar with diameter D	65 mm	Collar — 65	IS : 6377
Wedge of length	40 mm	Wedge — 40	IS : 6377
Handle of length	300 mm	Handle — 300	IS : 6377

H	L	D	d ₁	r	S	l	d ₂	d ₃	Approximate Weight, kg
110	300	65	25	100	1.6	40	30	24	0.45
140	400	80	30	125	1.6	60	40	28	0.85
160	500	100	30	160	2.0	80	40	28	1.6

TABLE 2 APPROXIMATE WEIGHTS IN kg OF THE VARIOUS PARTS OF MALLETS

Designation	Head	Collar	Wedge	Handle
Mallet — 110	0.24	0.02	0.002	0.10
Mallet — 140	0.55	0.02	0.003	0.20
Mallet — 160	0.98	0.07	0.004	0.30

4. Material

4.1 Handle — Seasoned hardwood.

4.2 Head — Seasoned hardwood or hard rubber.

4.3 Collar — Mild steel.

4.4 Wedge — Mild steel.

5. Tolerances — Coarse class IS : 2102-1969 ' Allowable deviations for dimensions without specified tolerances (*first revision*) '.

6. Coating — Any suitable varnish or lacquer for wooden mallets.

7. Marking — Mark the mallets with the following information:

- a) Trade-mark or name of the manufacturer, on the handle or head; and
- b) Designation.

7.1 ISI Certification Marking — Details available from the Indian Standards Institution, New Delhi 1.

8. Packing — Placed in wooden crates, each containing twelve mallets. Crates shall be placed in wooden boxes with overall weight not exceeding 50 kg.

9. Supply — As agreed to between the purchaser and the manufacturer.